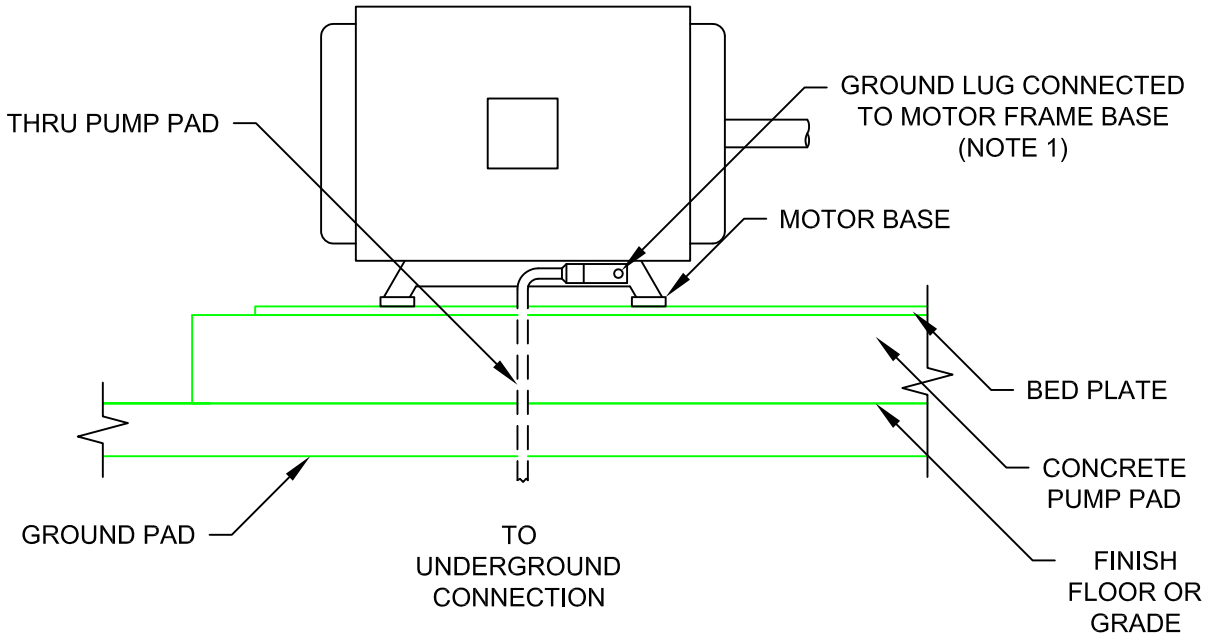
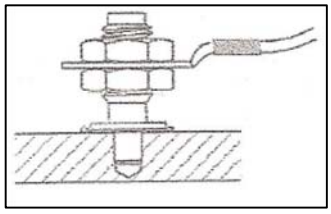


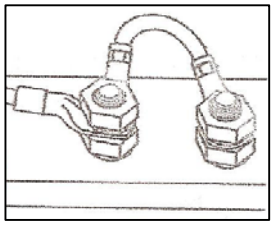
SINGLE POINT CONNECTION



FASTENERS
X-BT M10-24-6 SN12-R,
X-BT W10-24-6 SN12-R,
X-BT M6-24-6 SN12-R,
X-BT W6-24-6 SN12-R

MAXIMUM CONNECTED CABLE SIZE
≤ 10 mm COPPER (8 AWG)

DOUBLE POINT CONNECTION



FASTENERS
X-BT M10-24-6 SN12-R,
X-BT W10-24-6 SN12-R,
X-BT M6-24-6 SN12-R,
X-BT W6-24-6 SN12-R

MAXIMUM CONNECTED CABLE SIZE
≤ 16 mm COPPER (6 AWG)

NOTE:
1. GROUND WIRE ACCORDING TO DESIGN ENGINEERING DETAIL. MAXIMUM 8 AWG SINGLE POINT, 6 AWG DOUBLE POINT. ACCORDING TO EN 60439-1 AND EN 60204-1.
2. POWDER-ACTUATED STUDS SHALL BE INSTALLED PER HILTI INSTALLATION INSTRUCTIONS.

Drawn	Developer
HAM/JGB	RPB

Date: 25 JUN 12

Project: DETAILS FOR ELECTRICAL ENGINEERS

Description: GROUNDING CONNECTIONS

Drawing No.: 12-122-06

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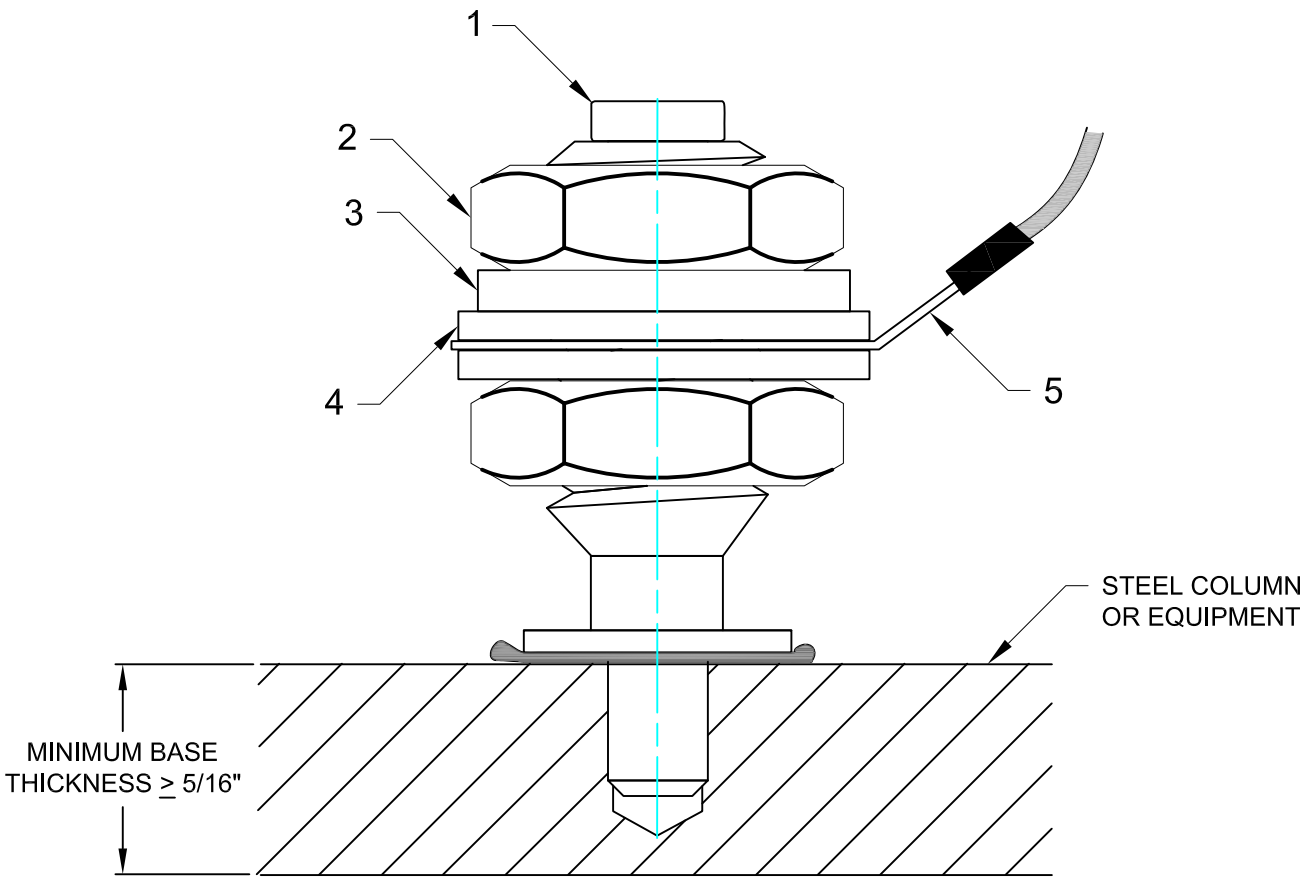

NOTES:
1. SPACE POWDER-ACTUATED STUDS ACCORDINGLY TO ACCOMMODATE DESIGN REQUIREMENTS.
2. POWDER-ACTUATED STUDS SHALL BE INSTALLED PER HILTI INSTALLATION INSTRUCTIONS

Item	Description	Quantity
1	HILTI X-BT W10-24-6 SN12-R #377076	1
2	HEX JAM NUT 3/8-16, ALLOY GROUP 2 (316SS) ACCORDING TO ASTM F 594	1
3	REGULAR HELICAL SPRING LOCK WASHER ACCORDING TO B18.12.1, 316 STAINLESS STEEL ACCORDING TO SAE J405.	1
4	TYPE A PLAIN WASHER ACCORDING TO ANSI B18.22.1, MATERIAL ACCORDING TO ASTM AZ4D TYPE 316.	2
5	RING TERMINATED COPPER OR ALUMINUM CONDUCTORS	1

Drawn: GAB | Developer: RPB
Date: 28 JUN 12

Project: DETAILS FOR ELECTRICAL ENGINEERS

Description: SHORT TIME CURRENT GROUNDING

Drawing No.: 12-122-11
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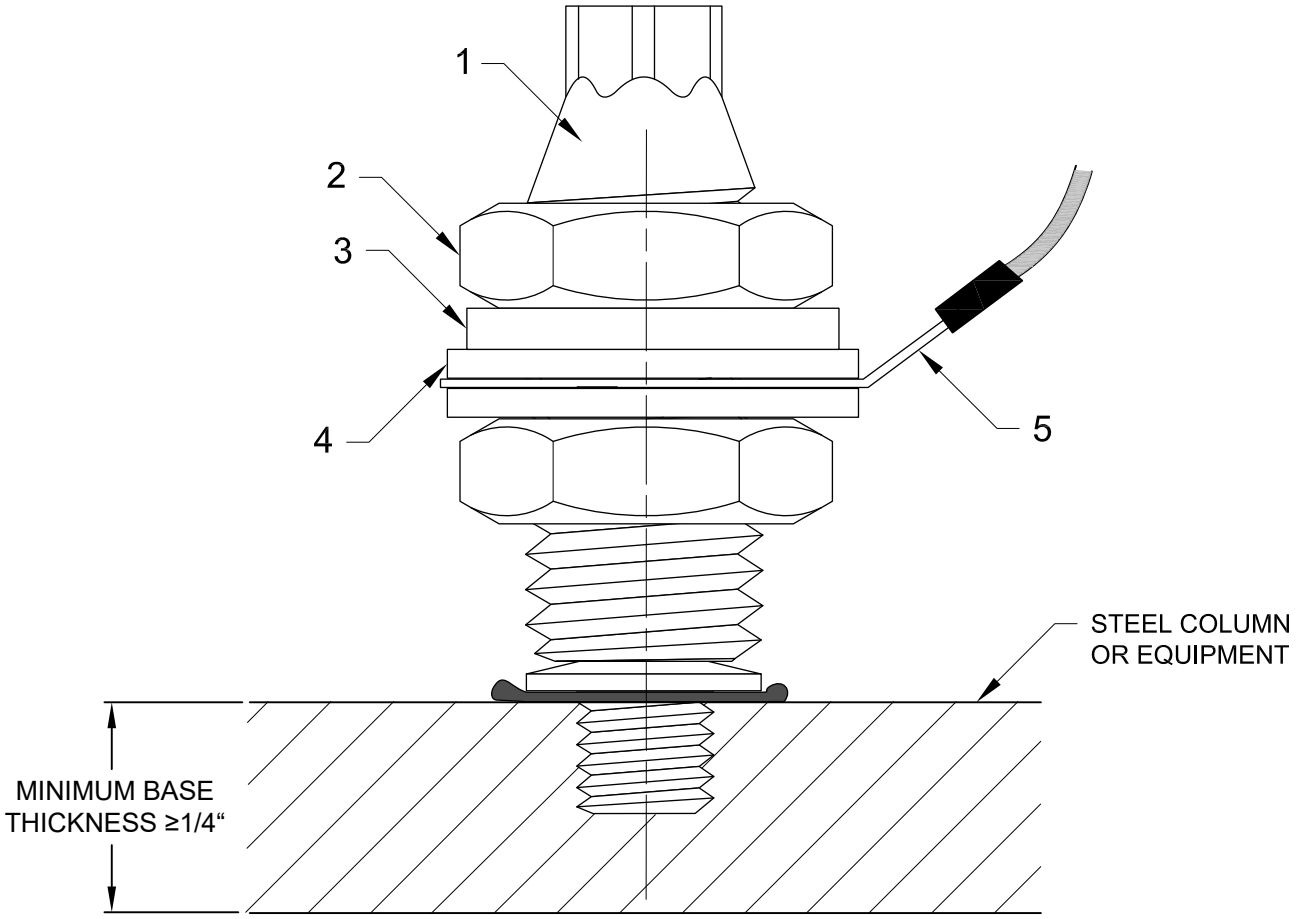


NOTES:

1. SPACE HILTI S-BT STUDS ACCORDINGLY TO ACCOMMODATE DESIGN REQUIREMENTS.
2. HILTI S-BT STUDS SHALL BE INSTALLED PER HILTI INSTALLATION INSTRUCTIONS

Item	Description	Quantity
1	HILTI S-BT-MR W10/15 SN6 #2140741	1
2	HEX JAM NUT 3/8-16, ALLOY GROUP 2 (316SS) ACCORDING TO ASTM F 594	2
3	REGULAR HELICAL SPRING LOCK WASHER ACCORDING TO B18.12.1, 316 STAINLESS STEEL ACCORDING TO SAE J405.	1
4	TYPE A PLAIN WASHER ACCORDING TO ANSI B18.22.1, MATERIAL ACCORDING TO ASTM AZ4D TYPE 316.	2
5	RING TERMINATED COPPER OR ALUMINUM CONDUCTORS	1

Drawn: GAB | Developer: RPB

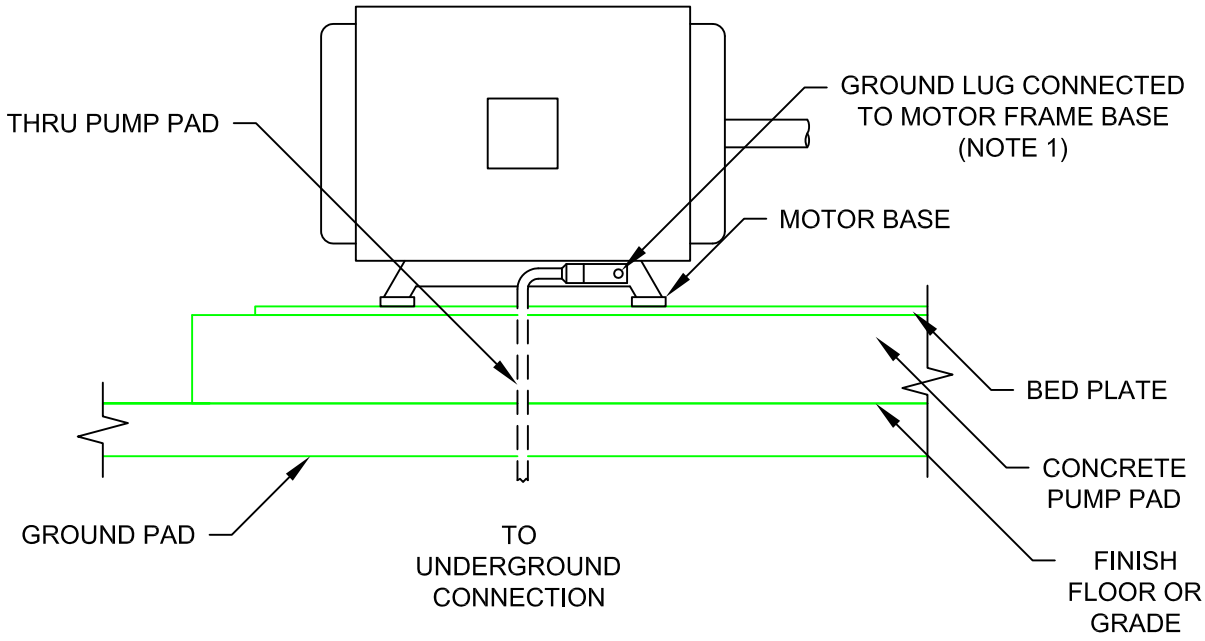
Date: 21 NOV 2016

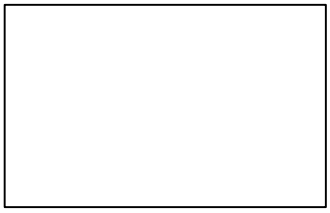
Project: DETAILS FOR ELECTRICAL ENGINEERS

Description: SHORT TIME CURRENT GROUNDING WITH S-BT

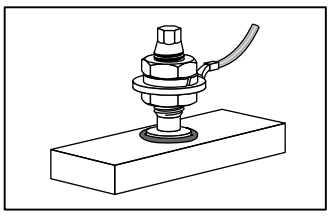
Drawing No.: 12-122-11

Index: B | Sheet: 1/1





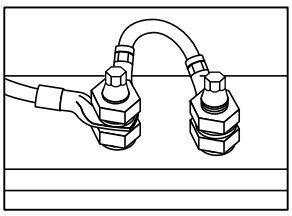
SINGLE POINT CONNECTION



FASTENERS
S-BT-MR W10/15 SN6
S-BT-MF W10/15 AN6
S-BT-MR M10/15 SN6
S-BT-MF M10/15 AN6
S-BT-MR M8/15 SN6
S-BT-MF M8/15 AN6

MAXIMUM CONNECTED CABLE SIZE
≤ 10 mm COPPER (8 AWG)

DOUBLE POINT CONNECTION



FASTENERS
S-BT-MR W10/15 SN6
S-BT-MF W10/15 AN6
S-BT-MR M10/15 SN6
S-BT-MF M10/15 AN6
S-BT-MR M8/15 SN6
S-BT-MF M8/15 AN6

MAXIMUM CONNECTED CABLE SIZE
≤ 16 mm COPPER (6 AWG)

NOTE:
1. GROUND WIRE ACCORDING TO DESIGN ENGINEERING DETAIL. MAXIMUM 8 AWG SINGLE POINT, 6 AWG DOUBLE POINT. ACCORDING TO EN 60439-1 AND EN 60204-1.
2. HILTI S-BT STUDS SHALL BE INSTALLED PER HILTI INSTALLATION INSTRUCTIONS.

Drawn	Developer
HAM/JGB	RPB

Date: 21 NOV 2016

Project: DETAILS FOR ELECTRICAL ENGINEERS

Description: GROUNDING CONNECTIONS WITH S-BT

Drawing No.: 12-122-06

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